

REQUEST FOR INFORMATION (RFI) FOR INDOOR SHOOTING RANGES (ISRs)
{50 M, 6 LANES AND 25 M, 3 LANES}

1. The Indian Coast Guard, Ministry of Defence, Government of India, intends to procure Twenty One Indoor Shooting Ranges {50M, 6 lanes/ 25M, 03 lanes}.
2. This Request for Information (RFI) consists of three parts as indicated below:-
 - (a) **Part I.** The first part of the RFI incorporates operational characteristics and features that should be met by the ISRs. Few important technical parameters of the proposed ISRs are also mentioned.
 - (b) **Part II.** The second part of the RFI states the methodology of seeking response of vendors. Submission of incomplete response format will render the vendor liable for rejection.
 - (c) **Part III.** Guidelines for Framing Criteria for Pre Qualification in Buy Indian (IDDM), Buy (Indian) and Buy & Make (Indian) Cases.

PART-I

3. **Intended Use of Equipment (Operational Requirements)**. The Indoor Shooting Ranges would be used for undertaking Live Firing of Small Arms. ICG has inventory of small arms like 9 mm pistol, 5.56 mm carbine, 5.56 mm rifle, 7.62 mm LMG and 12.7 mm HMG. The firing practice of small arms with precision in the dynamic maritime environment is an art to be acquired through practice. The creation of different marine scenarios, virtual targets and simulation of situations at firing range would provide real time firing practice to the firer.
4. **Important Technical Parameters**. Broadly elucidated at **Appendix 'A'**.
5. Vendors should confirm that following conditions are acceptable:-
 - (a) The solicitation of offers will be as per 'Single Stage-Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offers would be at least 18 months from the last date of submission of offers.
 - (b) The technical offers would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.
 - (c) The equipment of all TEC cleared vendors would be put through a trial evaluation in India on a 'No Cost No Commitment' basis. A staff evaluation would be carried out by SHQ to analyze the result of field evaluation and shortlist the equipment for introduction into service.

- (d) Amongst the vendors cleared by TEC evaluation, a Contract Negotiations Committee would decide the lowest cost bidder (L1) and conclude the appropriate contract.
- (e) Vendor would be bound to provide product support for time period specified in the RFP, which includes spares and maintenance tools/jigs/fixtures for field and component level repairs.
- (f) The vendor would be required to accept the general conditions of contract given in the Standard Contract Document at Chapter VI of DAP.
- (g) **Integrity Pact.** An integrity pact along with appropriate IPBG is a mandatory requirement in the instant case (Refer Annexure I to Appendix M of Schedule I).
- (h) **Performance-cum-Warranty Bond.** Performance-cum-Warranty Bond both equal to 5% value of the contract inclusive of taxes and duties is required to be submitted after signing of contract.

PART-II

6. Procedure for Response.

- (a) Vendors must fill the form of response as given in **Annexure II to Appendix A to Chapter II**. Apart from filling details about company, details about the exact product meeting other generic technical specifications should also be carefully filled. Additional literature on the product can also be attached with the form. (Copy of the format is placed at Appendix B of the document).
- (b) The filled form should be dispatched at under mentioned address :-

The Director General
{For Principal Director (Plans)}
Coast Guard Headquarters
National Stadium Complex
New Delhi-110 001

- (b) Last date of acceptance of filled form is **22 Feb 26**. The vendors short listed for issue of RFP would be intimated.
7. The Government of India invites responses to this request only from Original Equipment Manufacturers (OEM)/Authorised Vendors/Government Sponsored Export Agencies (applicable in the case of countries where domestic laws do not permit direct export by OEMs). The end user of the equipment is the Indian Armed Forces (Indian Coast Guard).

8. This information is being issued with no financial commitment and the Ministry of Defence reserves the right to change or vary any part thereof at any stage. The Government of India also reserves the right to withdraw it should it be so necessary at any stage. The acquisition process would be carried out under the provisions of DAP.

PART – III

9. The guidelines prescribed for short-listing/ pre-qualification of Indian vendors in case of ship building cases are detailed in Chapter XII of DAP-2020 (**Appendix C to Chapter XII of DAP 20 is relevant**).

BROAD QUALITATIVE REQUIREMENTS OF INDOOR SHOOTING RANGES

1. Modular Indoor shooting Range for undertaking live firing of small arms both during day and night up to ***7.62 mm calibre and of weapons of muzzle velocity up to 1000 m/sec.*** The data for maximum velocity for particular ammunition shall be verified as per BIS/NIJ Standards.
2. ISR should have provision for the following:-
 - 2.1 Bullet Trap System
 - 2.2 Virtual Target System
 - 2.3 Range Ventilation system
 - 2.4 Control Centre
 - 2.5 Acoustic and Ballistic Treatment
 - 2.6 Lighting System
 - 2.7 Fire Fighting System
 - 2.8 Communication System
 - 2.9 Target Placement/Retrieval System
3. Following variants of ISR based on firing distance are planned for installation:-
 - 3.1 25 m Containerized ISR (25 m shooting distance, 03 lanes)
 - 3.2 50 m Modular Containerized ISR (50 m shooting distance, 06 lanes).
4. The range is to have full structural integrity to support all ballistic treatment, ventilation equipment and accessories and should contain 100% ballistic (projectile).
5. ISRs are to have overhead baffles to protect overhead items (lights, cables, etc.) which should have Rubber spatter protection and acoustic attenuation tiles. The range should have anti-ricochet provisions. In certification,/OSAT, the reverberation time alongwith NRC shall be included for Acoustic Panel/material performance evaluation.
6. There shall be the provision for CCTV cameras for day/night video monitoring and recording of firing.

7. Provision for undertaking firing in standing, kneeling and lying position in supported and non-supported static positions.

8. **Shooting Lanes.** Design of 50 m and 25 m ISRs shall provide for six and three shooting lanes with minimum 50 m and 25 m shooting distance, respectively. The lanes shall allow use of 7.62 mm, 5.56 mm and 9 mm calibre guns by **both left and right-handed firers.**

9. A Control Room shall be provisioned inside ISR for centralized control of firing. The Control Room shall have the provision for manning by **at least two persons** {one controller (Gunnery Instructor) and one independent observer (Safety Officer)}. Control Room is to have control of all systems of the ISRs *viz* Virtual Target System, Ventilation system, Fire fighting system, etc.

10. Provision of Overhead Target System to impart training on closing target. The system should cater for the 360 degree movement of target.

11. Following provisions are to form part of Virtual Target System:-

- 11.1 Target Recording and Analysis.
- 11.2 Grouping firing practice
- 11.3 Analysis of Group
- 11.4 Night firing
- 11.5 Simulation of Range and Scaling of Target.
- 11.6 Provision of recording and replay
- 11.7 Computer generated scenarios and Video scenarios

12. Provision of simulating Roll/ Pitch motion so as to impart firing practice from unstable platforms. Adequate safety mechanism is to be put in place.

13. **Maintainability.** Life of ISR should be at least 15 years and the manufacturer should carry out routine software upgrade, if any, during warranty period.

14. CMC post warranty period will be included in the contract.

15. The minimum grade / hardness of the steel plate shall be fixed and not varied i.e AR500/AR550/AR50+.

Appendix B
(Refer to Para 6(a) of RFI)

REQUEST FOR INFORMATION: PROCEDURE FOR RESPONSE

Request for Information for Procurement of Twenty One Indoor Shooting Ranges {50M, 6 lanes / 25 M, 3 Lanes} for Indian Coast Guard

1. The Indian Coast Guard is planning to procure 19 Indoor Shooting Ranges. With the view to identify probable vendors who can undertake the said project, OEMs/ Authorised Vendors are requested to forward information on the product which they can offer. The parameters/ broad specifications of the item are mentioned in the questionnaire attached at Annexure I to Appendix B of RFI. In addition the vendors are required to furnish details as per Performa at Annexure II to Appendix B of RFI.
2. Apart from the information as per the Annexures, the vendors may also forward technical details/product brochures/literature etc pertaining to the item in question.
3. The required information/ details may please be forwarded at the following address by **22 Feb 26**.

(a) The Principal Director (Plans and Budget), Indian Coast Guard Headquarters, National Stadium Complex, New Delhi, India – 110001, E-mail- dte-plan@indiancoastguard.nic.in, Tel: 011-23074235, 011-23074125. Fax: 011- 23072201

Annexure I to Appendix B
(Refer to Para 1 of Appendix B)

REQUEST FOR INFORMATION: QUESTIONNAIRE

1. Infrastructure Profile

- (a) Year established _____
- (b) Annual built capacity (in Qty) _____
- (c) Details of future expansion and business development planned:

- (d) Name and address of foreign collaborator, if any:

- (i) Date of Agreement: _____
- (ii) Validity of Agreement: _____
- (ii) Scope of Agreement: _____
- (e) Capacity of the Firm : _____

2. Details of Manufacturing Indoor Shooting Range

| Ser | Year of Manufacture | Customer | Type of Shooting Range | Order date | Production in process | Contractual Delivery | Actual Delivery |
|-----|---------------------|----------|------------------------|------------|-----------------------|----------------------|-----------------|
| | | | | | | | |
| | | | | | | | |

3. Orders in Hand (Attach Order Copies)

4. Details of any Indoor Shooting Range (ISR) in service/design or development stage _____
5. Countries/Agencies where ISRs have been supplied earlier, provide details

6. Estimated price of the ISRs _____
7. Indigenous component of the ISRs (in percentage) _____
8. Capability of Indian vendors to indigenously design and develop the ISR under Buy(IDDM) category _____

9. Applicable key technologies and materials required for manufacturing of the equipment/system/platform and the extent of their availability or accessibility in case they are not available in India _____.
10. Availability of the equipment/system/platform in the Indian market, level of indigenization, delivery capability, maintenance support, life time support etc _____.
11. Approximate cost estimation and suggestions for alternatives to meet the same objective as mentioned in RFI _____.
12. Any alternatives for meeting the objectives set forth in the RFI
13. Technical Specifications of available product (Please attach exhaustive specifications) _____
14. Any other relevant information

15. **Financial Information (in INR for Indian Firms)**

- (a) Balance sheet last three financial years (year wise)

- (b) Profits made _____
- (c) Net worth _____
- (d) Debt/Equity ratio _____
- (e) Quick ratio _____
- (f) Attach copies of certified published annual report showing turnover and financial status in support of above information _____

16. **Declaration.** It is certified that the above information is true and any changes will be intimated at the earliest.

(Authorised Signatory)

Date: _____

Place: _____

Annexure II to Appendix B
(Refer to Para 1 of Appendix B)

VENDOR INFORMATION PROFORMA

1. Name of the Vendor/Company/Firm.

(Company profile including Share Holding pattern, in brief, to be attached)

2. Type (Tick the relevant category).

| | |
|---------------------------------------|----------------------------|
| Original Equipment Manufacturer (OEM) | Yes/No |
| Authorised Vendor of foreign Firm | Yes/No (attach details, if |
| yes) Others (give specific details) | |

3. Contact Details.

Postal Address:

City: _____ State: _____

Pin Code: _____ Tel: _____

Fax: _____ URL/Web Site: _____

Email: _____

4. Local Branch/Liaison Office/Agent (if any).

Name & Address: _____

Pin code: _____ Tel: _____ Fax: _____

Email: _____

5. Financial Details. Category of Industry (Large/Medium/Small Scale): _____

6. **Certification by Quality Assurance Organization.**

| Name of Agency | Certification | Applicable from (Date & Year) | Valid till (Date & Year) |
|----------------|---------------|----------------------------------|-----------------------------|
| | | | |
| | | | |
| | | | |
| | | | |

7. **Details of Registration.**

| Agency | Registration No. | Validity (Date) | Equipment |
|-----------------------------|------------------|-----------------|-----------|
| GeM | | | |
| DGQA/DGAQQA/DGNAI | | | |
| DPSU | | | |
| DRDO | | | |
| Any other Government Agency | | | |

8. **Membership of FICCI/ASSOCHAM/CII or other Industrial Associations.**

| Name of Organisation | Membership Number |
|----------------------|-------------------|
|----------------------|-------------------|

9. **Equipment/Product Profile (to be submitted for each product separately)**

(a) Name of Product: _____

(IDMM Capability be indicated against the product)

(Should be given category wise for e.g. all products under night vision devices to be mentioned together)

(b) Product availability including date of introduction

(c) If not already available, development timelines (in months)

(d) Overall Indigenous Content (in percentage cost)

(e) IC for material/ components/ software indigenously manufactured in India (in percentage cost)

(f) Design (Indigenous or not)

(g) Ownership of Design (including ToT/IPR held, if any)

- (h) Description (attach Technical Literature)
- (j) Whether OEM or Integrator: _____
- (k) Name and address of Foreign collaborator (if any): _____
- (l) Industrial Licence Number: _____
- (m) Production capacity per annum: _____
- (n) Countries/agencies where equipment supplied earlier (give details of quantity supplied): _____
- (p) Estimated price of the equipment _____
- (q) Warranty Details
- (r) MoQ
10. Alternatives for meeting the objectives of the equipment set forth in the RFI.
11. _____ Any other relevant information: _____
12. **Declaration.** It is certified that the above information is true and any changes will be intimated at the earliest.

Note: Paragraph 44 and Appendix F to Chapter II of DAP-2020 may be referred.

(Authorised Signatory)

